Subject: Re: Get min and max values from a multiband image according to pixel locations of classification image
Posted by David Fanning on Sat, 17 Nov 2012 15:40:00 GMT

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Dry in water writes:

>
> Hello all,
>
> I have a question to solve following issue.
> I have two images. One is a multiband image with 7bands. Another is an classifiction image with 3 classes. The classes named by class1 to class3. I'd like to obtain a single max/min values from a multiband image according to pixel locations of each classes (class1, class2, class3) of classification image. Could you help me for this?
>
> Thank you very much

Get the MIN and MAX values of the band interleaved image:

```
minImage = Min(image, DIMENSION=3, Max=MaxImage)
```

Locate class pixels:

```
class1Pixels = Where(classifiedImage EQ class1, count)
IF count GT 0 THEN BEGIN
   class1Min = minImage[class1Pixels]
   class1Max = maxImage[class1Pixels]
ENDIF
```

Cheers,

David
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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")